

KEY TO THE OHIO DOGWOODS IN THE WINTER CONDITION

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Cornus L. Shrubs or trees with opposite, whorled, or sometimes alternate leaf scars; twigs green, red, brown, or gray, glabrous or pubescent; terminal bud present with 2 acuminate outer scales; axillary buds single, minute or well developed; leaf scars narrow, u-shaped, usually connected by a line or ridge, the uppermost notched; bundle scars 3, stipular scars none; pith small, solid, cylindrical; fruiting peduncle self-pruned, producing distinct terminal scars.

1. Leaf scars opposite; shrubs or trees. 2.
1. Leaf scars alternate; twigs green or yellowish-green, glabrous; internodes very unequal, axillary buds usually minute; small trees or erect shrubs. *C. alternifolia* L. Blue Dogwood.
1. Low geophilous shrubs with small creeping rhizomes and herbaceous aerial stems, 4-12 in. high, with a whorl of leaves at the summit. *C. canadensis* L. Dwarf Dogwood.
2. Axillary buds usually minute and undeveloped except at the base of the peduncle which is self-pruned; twigs green or reddish-green, glabrous or nearly so; a small tree with rough, reticulate bark; flowers in involucre heads which are prominently developed in winter. *C. florida* L. Flowering Dogwood.
2. Axillary buds normally well developed and prominent; typical shrubs, or if tree-like very pubescent; flowers cymose and not involucre. 3.
3. Twigs green or greenish, glabrous or nearly so, warty dotted; a compact shrub with upright, grayish stem. *C. circinata* L'Her. Roundleaf Dogwood.
3. Twigs bright red or red-purple, glabrous or nearly so; a spreading shrub rooting freely and multiplying by stolons; usually in wet places. *C. stolonifera* Mx. Red-osier Dogwood.
3. Twigs pubescent, rarely glabrate when old, greenish or reddish brown or gray. 4.
4. Twigs silky downy, usually purplish; fruit blue; a shrub with spreading branches growing in wet soil. *C. amomum* Mill. Silky Dogwood.
4. Twigs very rough pubescent, brownish or reddish-brown; fruit white; erect or tree-like shrubs in river bottoms and moist or dry soil. *C. asperifolia* Mx. Roughleaf Dogwood.
4. Twigs glabrate, with scattered hairs, gray, rather slender; fruit white; a much branched shrub. *C. candidissima* Marsh. Panicked Dogwood.